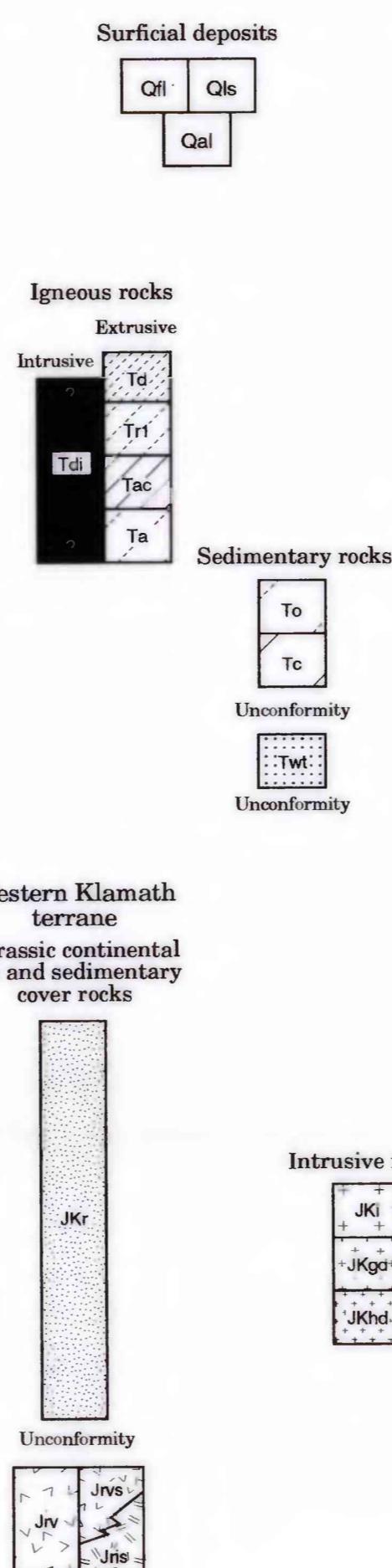


RECONNAISSANCE GEOLOGIC MAP OF THE LANE MOUNTAIN 7.5 MINUTE QUADRANGLE, SOUTHWEST OREGON

**By**  
**A. S. Jayko**  
**1996**

## CORRELATION OF MAP UNITS



## Cretaceous and Jurassic accretion complex

### Intrusive

+ +  
 JKi  
 + +  
 + JKga  
 JKhd

rocks

CENOZOIC

MESOZOIC

QUATERNARY

TERTIARY

CRETACEOUS  
AND/OR JURASSIC

JURASSIC

This figure is an index map of a geographic area, overlaid with a grid of coordinate lines. The grid has major horizontal and vertical lines. The top horizontal line is labeled  $43^{\circ}15'00''$  on the left,  $123^{\circ}07'30''$  at the top center, and  $123^{\circ}00'00''$  on the right. The bottom horizontal line is labeled  $43^{\circ}00'00''$  on the left,  $123^{\circ}07'30''$  at the top center, and  $123^{\circ}00'00''$  on the right. The left vertical line is labeled  $123^{\circ}15'00''$  at the top and  $43^{\circ}07'30''$  in the middle. The right vertical line is labeled  $123^{\circ}00'00''$  at the top and  $43^{\circ}00'00''$  in the middle.

The map is divided into four quadrants by the grid lines:

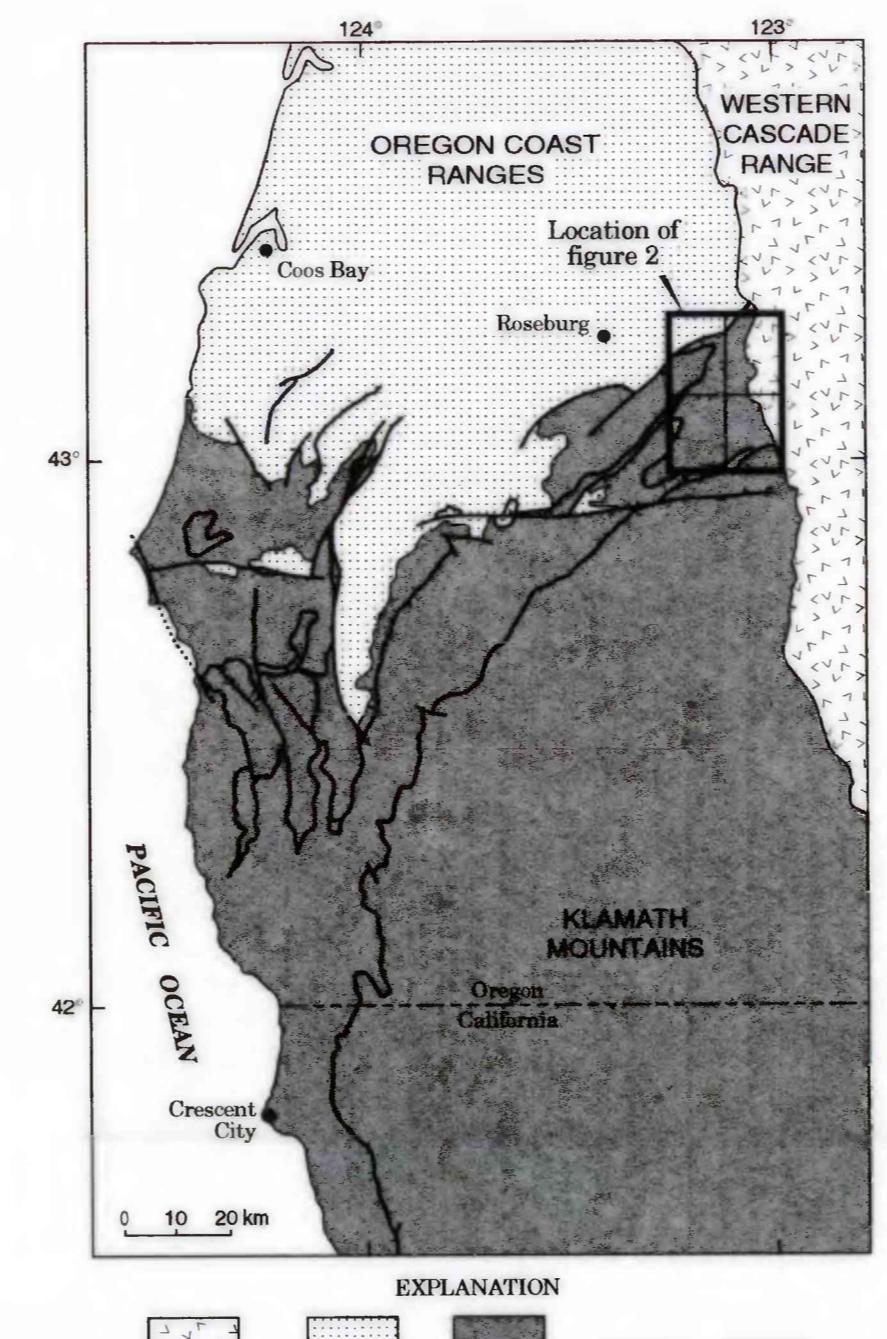
- Top Left Quadrant:** Labeled "Dixonville 1:24,000". The background pattern consists of fine diagonal lines.
- Top Right Quadrant:** Labeled "Lane Mountain 1:24,000". The background pattern consists of small circles.
- Bottom Left Quadrant:** Labeled "Hixson, 1965". The background pattern is solid black.
- Bottom Right Quadrant:** Labeled "Seeley, 1974". The background pattern consists of small diamonds.

A small vertical label "1:24,000" is positioned along the right edge of the bottom-right quadrant.

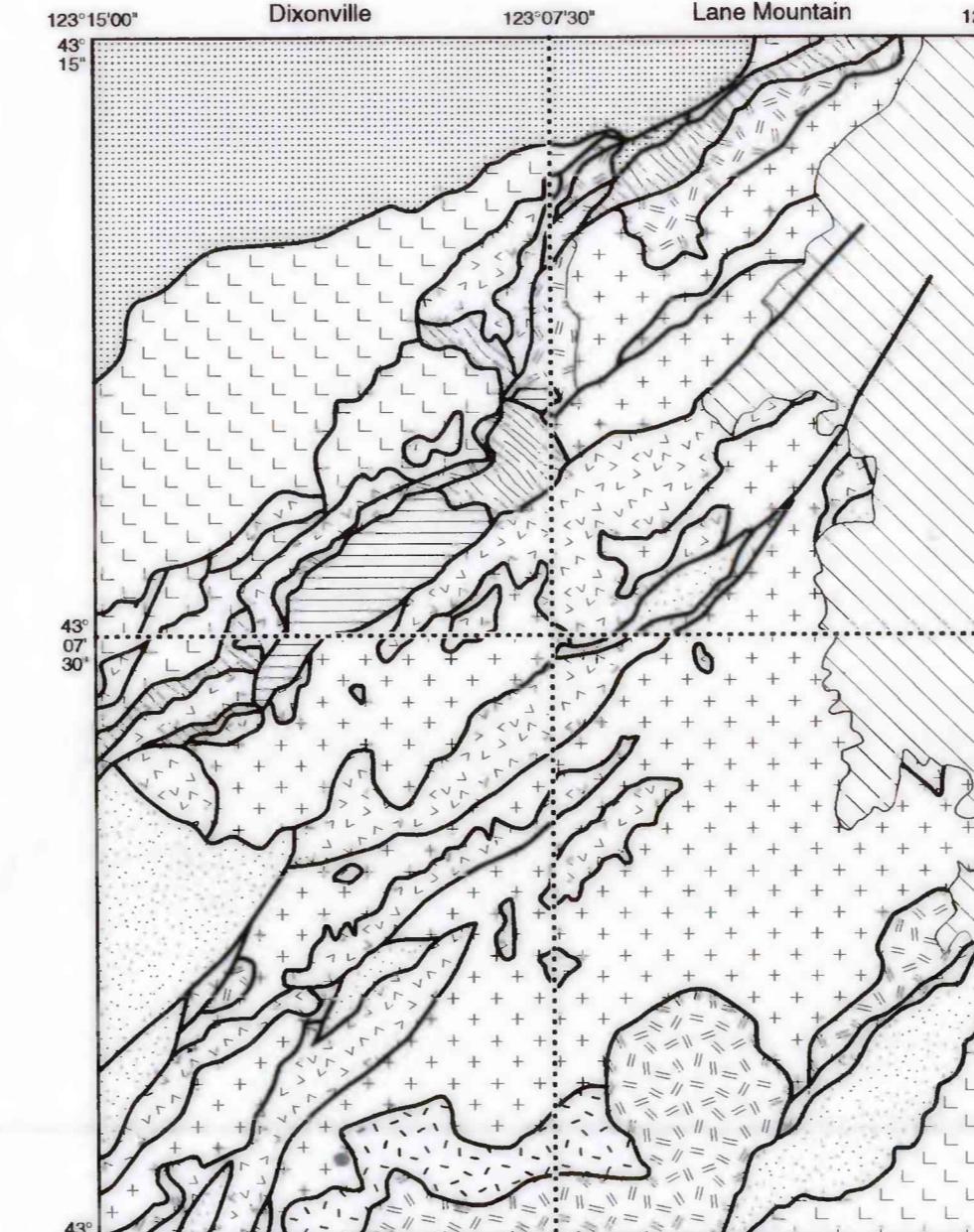
## EXPLANATION

- | EXPLANATION                  |   |
|------------------------------|---|
|                              | Cenozoic rocks                                |
|                              | Western Cascade clastic<br>and volcanic rocks |
| <b>Mesozoic rocks</b>        |   |
|                              | Accretion complex and<br>semi-schistose rocks |
|                              | Mesozoic sedimentary<br>rocks                 |
| <b>Rogue Igneous complex</b> |   |
|                              | Volcanic extrusive rock                       |
|                              | Mafic and intermediate<br>intrusive rocks     |
|                              | Ultramafic rocks                              |
|                              | Intermediate Plutonic<br>rocks                |
| <b>Metamorphic rocks</b>     |   |
|                              | Gneiss and mylonite                           |
|                              | Gneiss  |
| <b>Contact</b>               |   |
| <b>Fault</b>                 |   |

**Figure 1.** Location Map modified from Ryberg (1984) and Coleman and Lanphere (1991).



Dodson Butte White Rock  
 Figure 2. Generalized tectonic map of the Lane Mountain, White Rock, Dixonville,  
 and Dodson Butte 1:250,000 quadrangles.



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